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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/611,454
				Filing Date	June 30, 2003
				First Named Inventor	GRAY, JAMES
				Art Unit	2609
				Examiner Name	Involstad, Bennett
Sheet	1	of	7	Attorney Docket No: 36968-332542	

## US PATENT DOCUMENTS

Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	20010054134 A1	Dec 20, 2001	Frishauf et al.	
	2.	20020069132 A1	Jun 6, 2002	Perkes et al.	
	3.	20020156870 A1	Oct 24, 2002	Boroumand et al.	
	4.	20030204847	Oct 30, 2003	Ellis et al.	
	5.	20040003402 A1	Jan 1, 2004	McKenna	
	6.	20040168188	Aug 26, 2004	Bennington et al.	
	7.	20040235567 A1	Nov 25, 2004	Chatani	
	8.	20040261127	Dec 23, 2004	Freeman et al.	
	9.	20050114906	May 26, 2005	Hoarty et al.	
	10.	20050196139	Aug 8, 2005	Blackketter et al.	
	11.	20050204030 A1	Sep 15, 2005	Koch et al.	
	12.	20060075430 A1	Apr 6, 2006	Park	
	13.	20070107035 A1	May 10, 2007	Howe et al.	
	14.	20070136773 A1	Jun 14, 2007	O'Neil et al.	
	15.	20070155506 A1	Jul 5, 2007	Malik	
	16.	20070168884 A1	Jul 19, 2007	Weeks et al.	
	17.	20070186269 A1	Aug 9, 2007	Malik	
	18.	20070208766 A1	Sep 6, 2007	Malik	
	19.	3798610	Mar 19, 1974	Bliss et al.	
	20.	3886302	May 27, 1975	Kosco	

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Sheet	2	of	7	Attorney Docket No: 36968-332542
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**US PATENT DOCUMENTS**

Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	21.	4130833	Dec 19, 1978	Chomet	
	22.	4258386	Mar 24, 1981	Cheung	
	23.	4264925	Apr 28, 1981	Freeman et al.	
	24.	4361851	Nov 30, 1982	Asip et al.	
	25.	4488179	Dec 11, 1984	Kruger et al.	
	26.	4566030	Jan 21, 1986	Nickerson et al.	
	27.	4567591	Jan 28, 1986	Gray et al.	
	28.	4573072	Feb 25, 1986	Freeman	
	29.	4598288	Jul 1, 1986	Yarbrough et al.	
	30.	4688248	Aug 18, 1987	Tomizawa	
	31.	4689661	Aug 25, 1987	Barbieri et al.	
	32.	4698670	Oct 6, 1987	Matty	
	33.	4720873	Jan 19, 1988	Goodman et al.	
	34.	4816904	Mar 28, 1989	McKenna et al.	
	35.	4862268	Aug 29, 1989	Campbell et al.	
	36.	4890322	Dec 26, 1989	Russell, Jr	
	37.	4912552	Mar 27, 1990	Allison, III et al.	
	38.	5010585	Apr 23, 1991	Garcia	
	39.	5010858	Apr 30, 1991	Schierling et al.	
	40.	5038211	Aug 6, 1991	Hallenbeck	
	41.	5046090	Sep 3, 1991	Walker et al.	
	42.	5046092	Sep 3, 1991	Walker et al.	
	43.	5055924	Oct 8, 1991	Skutta	
	44.	5161019	Nov 3, 1992	Emanuel	
	45.	5173900	Dec 22, 1992	Miller et al.	
	46.	5191645	Mar 2, 1993	Carlucci et al.	
	47.	5208665	May 4, 1993	McCalley et al.	
	48.	5247347	Sep 21, 1993	Litteral et al.	
	49.	5249044	Sep 28, 1993	Von Kohorn	
	50.	5260778	Nov 9, 1993	Kauffman et al.	
	51.	5262860	Nov 16, 1993	Fitzpatrick et al.	
	52.	5287181	Feb 15, 1994	Holman	
	53.	5335277	Aug 2, 1994	Harvey et al.	

EXAMINER

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Sheet	3	of	7	Attorney Docket No: 36968-332542	

### US PATENT DOCUMENTS

Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	54.	5339315	Aug 16, 1994	Maeda et al.	
	55.	5343240	Aug 30, 1994	Yu	
	56.	5357276	Oct 18, 1994	Banker et al.	
	57.	5374951	Dec 20, 1994	Welsh	
	58.	5390027	Feb 14, 1995	Henmi et al.	
	59.	5404393	Apr 4, 1995	Remillard	
	60.	5444499	Aug 22, 1995	Saitoh	
	61.	5446490	Aug 29, 1995	Blahut et al.	
	62.	5481542	Jan 2, 1996	Logston et al.	
	63.	5483277	Jan 9, 1996	Granger	
	64.	5502499	Mar 26, 1996	Birch et al.	
	65.	5539822	Jul 23, 1996	Lett	
	66.	5557320	Sep 17, 1996	Krebs	
	67.	5557338	Sep 17, 1996	Maze et al.	
	68.	5585838	Dec 17, 1996	Lawler et al.	
	69.	5608448	Mar 4, 1997	Smoral et al.	
	70.	5629733	May 13, 1997	Youman et al.	
	71.	5640192	Jun 17, 1997	Garfinkle	
	72.	5648824	Jul 15, 1997	Dunn et al.	
	73.	5661517	Aug 26, 1997	Budow et al.	
	74.	5721829	Feb 24, 1998	Dunn et al.	
	75.	5779549	Jul 14, 1998	Walker	
	76.	5781246	Jul 14, 1998	Alten et al.	
	77.	5787683	Jul 1, 1998	Sistanizadeh et al.	
	78.	5805154	Sep 8, 1998	Brown	
	79.	5822123	Oct 13, 1998	Davis et al.	
	80.	5828420	Oct 27, 2008	Marshall et al.	
	81.	5847771	Dec 8, 1998	Cloutier et al.	
	82.	5858588	Dec 17, 1996	Harper et al.	
	83.	5867205	Feb 2, 1999	Harrison	
	84.	5880768	Mar 9, 1999	Lemmons et al.	
	85.	5880769	Mar 9, 1999	Nemirofsky	
	86.	5892508	Apr 6, 1999	Howe et al.	

EXAMINER

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Substitute for form 1448A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;"><b>Application Number</b></td> <td>10/611,454</td> </tr> <tr> <td><b>Filing Date</b></td> <td>June 30, 2003</td> </tr> <tr> <td><b>First Named Inventor</b></td> <td>GRAY, JAMES</td> </tr> <tr> <td><b>Art Unit</b></td> <td>2609</td> </tr> <tr> <td><b>Examiner Name</b></td> <td>Involstad, Bennett</td> </tr> </table>		<b>Application Number</b>	10/611,454	<b>Filing Date</b>	June 30, 2003	<b>First Named Inventor</b>	GRAY, JAMES	<b>Art Unit</b>	2609	<b>Examiner Name</b>	Involstad, Bennett
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Sheet	4	of	7	Attorney Docket No: 36968-332542											

US PATENT DOCUMENTS					
Examiner Initial *	Cite No	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	87.	5931908	Aug 3, 1999	Gerba et al.	
	88.	6005561	Dec 21, 1999	Hawkins et al.	
	89.	6012983	Jan 11, 2000	Walker et al.	
	90.	6100883	Aug 8, 2000	Hoarty	
	91.	6108042	Aug 22, 2000	Adams et al.	
	92.	6113495	Sep 5, 2000	Walker et al.	
	93.	6157413	Dec 5, 2000	Hanafee et al.	
	94.	6244957	Jun 12, 2001	Walker et al.	
	95.	6256785	Jul 3, 2001	Klappert et al.	
	96.	6324544	Nov 27, 2001	Alam, S. et al.	
	97.	6419137	Jul 16, 2002	Marshall et al.	
	98.	6463207	Oct 8, 2002	Abecassis	
	99.	6468155	Oct 22, 2008	Zucker et al.	
	100.	6502242	Dec 31, 2002	Howe et al.	
	101.	6567982	May 20, 2003	Howe et al.	
	102.	6634942	Oct 23, 2003	Walker et al.	
	103.	6676522	Jan 13, 2004	Rowe et al.	
	104.	6800029	Oct 5, 2004	Rowe et al.	
	105.	6826775	Nov 30, 2004	Howe et al.	
	106.	6967566	Nov 22, 2005	Weston et al.	
	107.	7237253	Jun 26, 2007	Blackketter et al.	
	108.	7266835	Sep 4, 2007	Halbert	

Examiner Initials*	Cite No	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
	109.	WO-9414284	Jun 23, 1994	Hendricks et al.		

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS
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	110.	"Building a Switched Broadcast Network", <u>Access Intelligence LLC</u> 11/15/2005	
	111.	"Building Dynamic Content for Set-Top Boxes.", <u>Sun Microsystems</u> 1994-2005	
	112.	"Building the Perfect on Demand Beast: Television on Demand Presents a Dizzying Array of Technology Options.", <u>Reed Business Information</u> 11/03/2003	
	113.	"Chips: Motorola's Scorpion chip turns TV into interactive information appliance.", <u>Work Group Computing Report</u> 08/11/1997	
	114.	"Columbia Tri-Star Television Distribution and Microsoft Sponsor Development Competition for Interactive Television.", <u>Microsoft Press Pass</u> 01/25/2000	
	115.	"EnReach Technology, Inc. Demonstrates Next Generation of Interactive Television with Innovative Open PVR Solution.", <u>EnReach Technology, Inc. PR Newswire</u> Sept. 12, 1996-2006	
	116.	"Enter Video-On-Demand.", <u>Electronic news</u> 08/31/1998	
	117.	"Liberate Technologies Completes Assessment Aboard Scientific -Atlanta Explorer Set tops and Digital Interactive Network.", <u>Liberate Technologies Press</u> 05/02/2002	
	118.	"Next-Generation Digital Video Network: Intelligent IP Infrastructure Solutions for Cable Operators Offering VoD Services.", <u>Reed Business Information</u> 02/2004	
	119.	"PBS Debuts Another First In Interactive Television; Wavexpres Selected to Provide Digital Broadcasting Platform.", <u>Market Wire</u> 02/28/2001	
	120.	"PENTV: BBC Achieves Significant Interactive TV Audiences With Open TV.", 08/13/2001	
	121.	"Set-Top Survival.", <u>Electronics Weekly</u> 05/22/2002	
	122.	"Successfully Marketing Television on Demand: Operators, Programmers Look to Drive VOD Usage Through Promotions, Improved Navigation.", <u>Reed Business Information</u> ISSN: 00072028 11/22/2004.	
	123.	"Time Warner Introduces World's First Full Service Network in Orlando; Network offers First Digital Interactive Service including Movies on Demand, Home Shopping and Interactive Games.", <u>Business Wire</u> 12/14/1994, 1-3	
	124.	"Video on the Move.", <u>Reed Business Information</u> 08/14/2000	
	125.	"Worldgate Set to Deliver 'GO!TV Links' for Dynamic Interactive TV.", <u>Advanstar Communications, Inc.</u> 10/22/2002	
	126.	"http://www.nintendo.com/consumer/downloads/wave_english.pdf",	
	127.	BERKOWITZ, BEN "Developers Interacting With Sony Set-Top Box", <u>Cable Worlds</u> 05/21/2001	

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## OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

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	128.	BISSELL, R.A. et al., "The Set-Top Boxes for Interactive Services.", <u>BT Technology J. Vol 13 No. 4 10/1995</u> , 66-77	
	129.	CAREY, JOHN "Content and Service for the New Digital TV Environment.",	
	130.	CAULEY, LESLIE "Microsoft, Baby Bell Form Video Alliance.", <u>The Wall Street Journal 09/26/1994</u>	
	131.	CHORIANOPOULOS, KONSTANTINOS "The Digital Set-Top Box as a Virtual Channel Provider.", <u>Dept. of Management Science and Technology, Athens University of Economics &amp; Business 04/2003</u>	
	132.	DRANSFELD, HENNING et al., "Interactive TV and Formula One a Strategic Issue for Engine Suppliers", <u>European Business Review 1999</u>	
	133.	DROITCOURT, J.L. "Understanding How Interactive Television Set Top Box Works... And What It Will Mean To The Customer", <u>International Broadcasting Convention Sep. 14-18, 1995</u>	
	134.	ELMER-DEWITT, PHILLIP "Play...Fast Forward...Rewind...Pause U.S. Firms Want to Wire America for Two-Way TV, but their Systems Are Not Ready for Prime Time.", <u>Time Archive 05/23/1994</u> , 1-4	
	135.	ELMER-DEWITT, PHILLIP "Ready For Prime Time?", <u>Time Archive 12/26/1995</u> , 1-4	
	136.	GRANT, PETER "On-Demand TV Expands via Underused Fiber Highways.", <u>Wall Street Journal 12/17/2004</u>	
	137.	GREENWALD, JOHN "Battle for Remote Control.", <u>Time Archive 03/01/1995</u>	
	138.	HODGE, WINSTON "Architecture to Deliver Video on Demand.", <u>Electronic Business Buyer 11/1994</u>	
	139.	JAIN, SANJAY K. et al., "Video on Demand: An Overview.", <u>A Central University February 2003</u>	
	140.	KEOUGH, CHRISTOPHER "Interactive TV Connection-Technology-Gold Pocket Interactive Acquires Mixed Signals Technologies.", <u>Los Angeles Business Journal 03/04/2002</u>	
	141.	LEBAN, M. et al., "Internet Search for TV Content Based on TV Anytime.", <u>September 22-24, 2003</u>	
	142.	LIN, et al., "The Influence of Network Branding on Audience Affinity for Network Television.", <u>Advertising Research Foundation 02/2004</u>	

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	143.	LOIZIDES, "Interactive TV: Dispelling Misconceptions in the Media.", <u>Acme Computers in Entertainment</u> , Vol. 3, No. 1, Article 7a, 01/2005			
	144.	MERMIGAS, DIANE "NBC Taking TV's Future by the Reins With On-Demand Content, Delivery.", <u>Television Week</u> 09/15/2003			
	145.	SHORT, DAVID "A Quick Guide to Interactive Television.", <u>Broadcasting Engineering</u> 02/2005			
	146.	SRIVASTAVA, H.O. et al., "On-Line Broadcast Archives for Interactive Video.", 1997			
	147.	VERHOEVEN, JAN L. et al., "System Architecture for Experimental Interactive Television.", <u>LogicaCMG Nederland B.V.</u>			
	148.	WATERMAN, DAVID "Internet TV: Business Models and Program Content.", <u>Dept. of Telecommunications Radio and TV Center</u> 09/2001			
	149.	ZOLLMAN, PETER M. "Interactive Television", <u>www.rtnda.org/resources/intnews/srttv.htm</u> , 1-9			

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